

CLAIMS

- 1) Propulsion system (10) for a motor vehicle able to generate also the electric energy necessary for the motor vehicle, characterized in that it comprises:
- 5 a) one or more cold-flame current generators (1, 2) able to produce in the form of electric energy a fraction of the total power necessary for the motor vehicle, this fraction of power comprising also the electrical requirement of the motor vehicle, and the
- 10 remaining power being supplied to one or more electric motors (4) used for traction purposes;
- b) a cold-flame crankshaft engine (3) able to produce mechanical power for traction, variable between a minimum value, substantially coinciding with the
- 15 maximum value of the power generated for traction purposes by the said one or more generators (1, 2), and a maximum value about 4-5 times greater.
- 2) Propulsion system (10) according to Claim 1, characterized in that it comprises:
- 20 - one or more cold-flame current generators (1, 2) generating overall a power output equal to about 1/6 to 1/5 of the total power of the propulsion system;
- a two-stroke cold-flame internal-combustion engine (3) able to produce mechanical energy for a
- 25 power output which may vary between about 1/6-1/5 and about 5/6-4/5 of the total power of the propulsion system;
- one or more electric motors (4i) connected to one or more pairs of driving wheels (A, B) of the motor
- 30 vehicle and supplied by the said generators (1, 2).
- 3) Propulsion system according to one of the preceding claims, in which the said current generators (1, 2) are two in number, each of them therefore generating a power equal to about 1/12 to 1/10 of the
- 35 total power of the propulsion system.
- 4) Propulsion system according to one of the

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preceding claims, incorporating an automatic gear unit (5) arranged between the propulsion system and one or more pairs of driving wheels.

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